

Title (en)
SECURE ELEMENT HAVING MULTIPLE USERS

Title (de)
SICHERES ELEMENT MIT MEHREREN BENUTZERN

Title (fr)
ÉLÉMENT SÉCURISÉ POUR UTILISATEURS MULTIPLES

Publication
EP 3516567 B1 20221123 (EN)

Application
EP 17780598 A 20170922

Priority

- US 201662399297 P 20160923
- US 201715709925 A 20170920
- US 2017053107 W 20170922

Abstract (en)

[origin: US2018089691A1] Techniques are disclosed relating to secure data storage. In various embodiments, a mobile device includes a wireless interface, a secure element, and a secure circuit. The secure element is configured to store confidential information associated with a plurality of users and to receive a request to communicate the confidential information associated with a particular one of the plurality of users. The secure element is further configured to communicate, via the wireless interface, the confidential information associated with the particular user in response to an authentication of the particular user. The secure circuit is configured to perform the authentication of the particular user. In some embodiments, the mobile device also includes a biosensor configured to collect biometric information from a user of the mobile device. In such an embodiment, the secure circuit is configured to store biometric information collected from the plurality of users by the biosensor.

IPC 8 full level

G06F 21/31 (2013.01); **G06F 21/32** (2013.01); **G06Q 20/32** (2012.01); **G06Q 20/38** (2012.01); **G06Q 20/40** (2012.01); **H04W 12/06** (2021.01); **H04W 12/065** (2021.01)

CPC (source: EP KR US)

G06F 21/31 (2013.01 - EP US); **G06F 21/32** (2013.01 - EP KR US); **G06F 21/35** (2013.01 - KR); **G06Q 20/204** (2013.01 - KR US); **G06Q 20/3278** (2013.01 - EP KR US); **G06Q 20/382** (2013.01 - EP KR US); **G06Q 20/4014** (2013.01 - EP US); **G06Q 20/40145** (2013.01 - EP KR US); **H04L 9/3231** (2013.01 - KR US); **H04W 12/06** (2013.01 - KR); **H04W 12/065** (2021.01 - EP US); **H04W 12/068** (2021.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 11074582 B2 20210727; **US 2018089691 A1 20180329**; AU 2017330439 A1 20190314; AU 2017330439 B2 20210114; CN 109643340 A 20190416; CN 109643340 B 20230523; EP 3516567 A2 20190731; EP 3516567 B1 20221123; KR 102226665 B1 20210310; KR 20190032508 A 20190327; US 11790365 B2 20231017; US 2022051257 A1 20220217; US 2024185245 A1 20240606; WO 2018057997 A2 20180329; WO 2018057997 A3 20180503

DOCDB simple family (application)

US 201715709925 A 20170920; AU 2017330439 A 20170922; CN 201780053136 A 20170922; EP 17780598 A 20170922; KR 20197005297 A 20170922; US 2017053107 W 20170922; US 202117384488 A 20210723; US 202318487723 A 20231016